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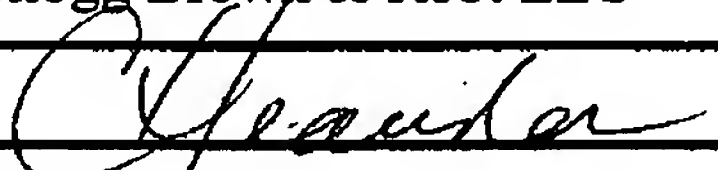
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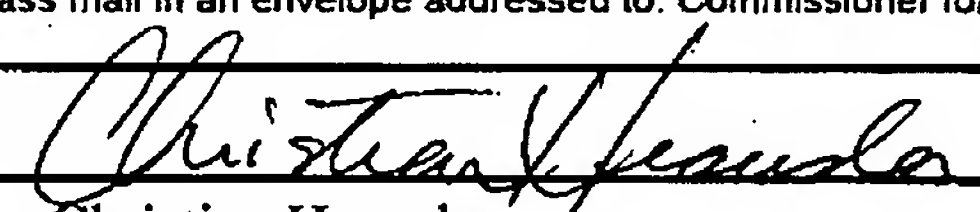
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| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/711,176 | |
| | Filing Date | August 30, 2004 | |
| | First Named Inventor | Rashid Iqbal | |
| | Art Unit | 1764 | |
| | Examiner Name | Randy Boyer | |
| Total Number of Pages in This Submission | 14 | Attorney Docket Number | 04-09 |

| ENCLOSURES (Check all that apply) | | |
|--|--|--|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): |
| Remarks The included paper is a Response to the Office Action dated 05/31/07. | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | |
|--|---|----------|-------|
| Firm Name | Kellogg Brown & Root LLC | | |
| Signature |  | | |
| Printed name | Christian Heausler | | |
| Date | 8/23/2007 | Reg. No. | 50771 |

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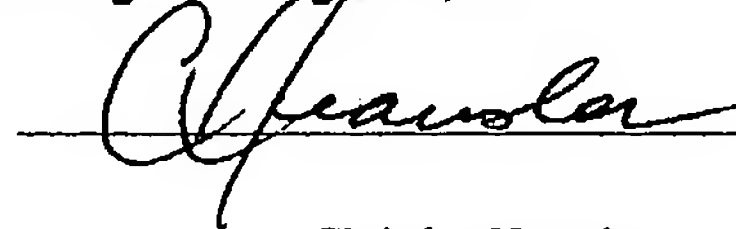
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AUG 23 2007**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****In re application of:** Rashid Iqbal**Group Art Unit:** 1764**Serial Number:** 10/711,176**Examiner:** Randy Boyer**Filed:** August 30, 2004**Confirmation Number:** 5175**For:** Heavy Oil and Bitumen Upgrading**Attorney Docket Number:** 04-09**Mail Stop Amendment**
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**Certificate of Facsimile Transmission**

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Christian Heausler

AMENDMENT AND RESPONSE

In response to the Office Action dated May 31, 2007, having a shortened statutory period for response set to expire on August 31, 2007, Applicants respectfully request entry and consideration of the following amendments and remarks:

Amendments to the Claims begin on page 2.**Remarks begin on page 9.**